

SIVTEK SUPER GYRO SEPARATOR®



VIBRATORY SEPARATOR TO SIEVE POWDER, GRANULES & LIQUID SLURRY

The SIVTEK Super Gyro Separator commonly known as vibro separator is one of the peerless & optimum sieving equipment that is useful for almost all kind of screening, scalping, de-dusting, filtering & grading applications. Our gyratory separator can make your screening process more efficient

Super Gyratory Separator can generate twice the amount of vibration than conventional screening machines due to the unique and clever positioning of the vibratory motors. It is the best suitable sifter for various material which are dry, wet, slurry, sticky, abrasive or ultra-fine in nature.

Due to this circular motion of the screener, the screening material can be evenly distributed across the coarse screen mesh. With the material spread evenly, you can utilize the screen to its optimum capacity. With time, you will observe that the Super Gyratory Separator has evidently made your screening process much faster and reduced the time consumption of processing raw materials.

The new design philosophy employed is robust and able to withstand all the tasks thrown at it, the unique design also is more user friendly, hygienic, and easy to transfer.

BENEFITS



EASY ACCESS FOR MAINTENANCE

Due to the new designs and construction, the lead angle, motor, and other internal parts are easily accessible.



IMPROVES VENTILATION

For applications where the temperatures are high, heat dissipation is done very easily.



EASY TO TRANSPORT

The updated design increases the conveniency for movement of the machine.



IMPROVES HYGIENE

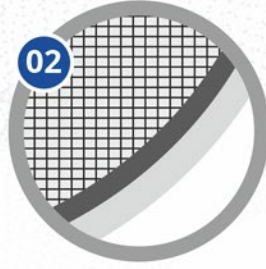
The cleaning of the machine is much more improved, resulting in improved hygiene standards.

KEY COMPONENTS



SCREEN RING

A woven mesh screen ring placed in the vibro sifter to separate different sized particles.



RUBBER GASKET

Rubber gasket is wrapped around the screen ring to achieve zero gap design and to avoid metal friction.



VIBRATORY MOTOR

An unbalanced vibratory motor mounted to generate high level of vibration.



SPRINGS

Set of springs to support the machine vibration.



OUTLET

Allows easy discharge of the oversize and undersize material.



BOLTED CLAMP

Clutch the screen ring between both the upper & lower deck of the super gyro Separator.

FEATURES

▶ ENCLOSED DESIGN

Performs dust free operation while sieving & filtration.

▶ PERFECT CLAMPING

Sivtek Super Gyro Separator comes with an easy mesh changing clamps, Which helps the operator to work smoothly.

▶ MULTIDECK SEPARATION

Increase or decrease number of deck easily to achieve gradation as per your need.

▶ LEAD ANGLE SETTINGS

Change the lead angle setting as per the desired vibrating motion.

▶ DRY & WET TYPE MATERIAL

Get high quality separation for both dry and wet materials.

▶ HIGH VIBRATION

High vibration of gyro separator comes from the heart of the sifter, that is Sivtek's vibratory motor.

TYPES OF SCREEN RING SUPPORTED

▶ SANDWICH SCREEN RING

Sandwich screen ring comes with bolting system arrangement which will enable the mesh frame to reuse & change mesh cloth in lesser time.



▶ US-FDA COMPLIANT RING

US-FDA Compliant ring used for screening hygienic products delivers better mesh tension & better efficiency.



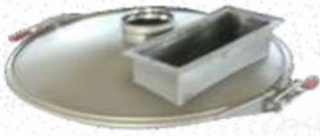
▶ STANDARD SCREEN RING

SIVTEK screen ring comes with smooth surface finish. It can be customized as per the requirement and the application.



MATERIAL HANDLING

▶ CUSTOMIZED LID



▶ CUSTOMIZED HOPPER



▶ MULTIPLE OUTLET



▶ SPIRAL UNDERPAN



▶ CUSTOMIZED UNDERPAN



CAPACITY ENHANCERS

▶ ULTRASONIC SIVTEK

The Ultrasonic Sivtek enable you to sieve your powders on fine meshes with more accuracy than ever before. This improves the quality of your final products as well as their value.



▶ SIVTEK OTLAC®

The Sivtek OTLAC® is known as the no tool kit design as it helps to adjust lead angle at various degrees without help of any tool!



▶ MAXIMIZER DECK

The SIVTEK Maximizer Deck can be retrofitted to an existing equipment or a new equipment. It Improves the production capacity by over 50% without requiring any additional equipment.



▶ ROTARY BRUSH

Rotary brush system for vibro screen separators consists of a brush system and mobile chassis. It operates independently with the separator at low rpm. Lumps are broken apart by horizontal scraping motions and vertical crushing motions between the brush and screen.



INDUSTRIES & APPLICATIONS WE SERVE



FOOD & BEVERAGE

- Confectionery
- Spices / Flour
- Grains / Seeds
- Edible Oil



FMCG

- Detergent Powder
- Soap Noodles
- Talcum Powder
- Tooth Powder



PHARMA

- Pharma powder
- Syrup
- Homeopathy
- Herbal / Ayurvedic



INKS & PAINTS

- Liquid Paint
- Powder Paint
- Grinding Media
- Printing Ink



AGRICULTURE & FERTILIZER

- Cattle Feed
- Tobacco
- Urea
- Npk



GLASS & CERAMICS

- Clay Slip
- Glaze
- Ceramic Powder
- Glass Sand



CEMENT & SAND

- Quality Check
- AAC Blocks
- Garnet Sand
- Silica Sand



CHEMICAL & PIGMENT

- Epoxy / MBS Resin
- Pigments
- Activated Carbon
- Charcoal



MINERAL & METAL

- Metal Powder
- China Clay
- Calcium Carbonate
- Quartz



PAPER & PULP

- Pulp Recovery
- Black Liquor
- Coating Solutions
- Starch Solutions



PLASTIC & POLYMERS

- PVC Resin Pellet
- Polyethylene Powder
- Master Batch
- Latex



WASTE WATER

- Water Recycle
- CIP Recycling
- ETP water
- De-watering

Many More ...

SCREENING APPLICATIONS

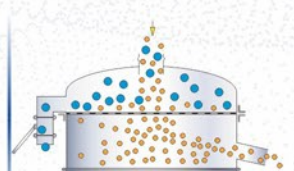
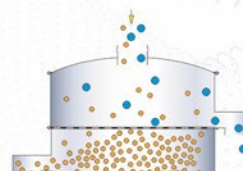
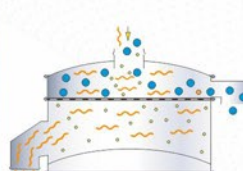
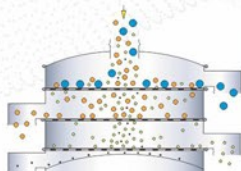
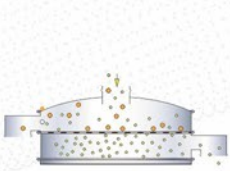
SIFTING

GRADATION

FILTRATION

CHECK
SCREENING

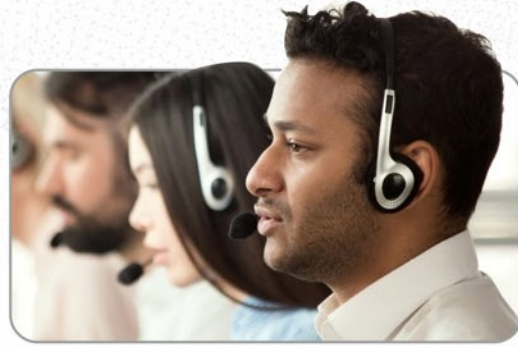
DEAGGLOMERATING



AFTER SALES SERVICES

24 x 7 CUSTOMER SUPPORT

Galaxy sivtek is committed to provide you 24x7 customer support on your sieving and filtration challenges. We are bound to assist you before and after purchase of our sieving and filtering solutions. We also offer genuine after market spares to ensure that your production lines are always running. Get in touch with our team at any time.



INHOUSE & ON SITE TRIAL FACILITY

Galaxy Sivtek conduct on site trial for processing industries, so that they can make appropriate decision to choose from the wide range of our Sivtek sifters and filters. Till date, we have successfully conducted more than 25k+ trials for 12+ industries ranging from food & beverage to the chemical industry, pharmaceutical to mineral & metal industry.

MACHINE HEALTH CHECKUP

We work as your sieving & filtering solution partner! Our highly skilled & trained experts are at your service. We at Galaxy Sivtek help our clients in identifying how their machines are performing in the processing line, by conducting a machine health check-up. It will help them to analyse and take appropriate decisions.



TECHNICAL TRAINING

Training programs are conducted by Galaxy Sivtek to educate every technician or operator at your premises. In house & on site training program helps your operator to understand that how to operate, service & maintain the sieving & filtration equipment. Galaxy Sivtek also train them on how to detect & prevent physical hazards that may effect the sieving process.

COMMITTED GLOBALLY



SIEVING & FILTERING Solutions Galaxy Wide

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